



New Jersey Department of Environmental Protection  
NOTICE OF VACANCY  
Posting Number: RB02 - 2015

(X) DIVISION/PROGRAM	(X) DEPARTMENT	(X) STATEWIDE
TITLE: RESEARCH SCIENTIST 3		SALARY: (P25) \$61,784.21 - \$87,820.13
OPENING DATE: January 30, 2015		CLOSING DATE: February 13, 2015
EXISTING VACANCIES: 1		WORKWEEK: NL
PROGRAM/LOCATION:	DEPARTMENT OF ENVIRONMENTAL PROTECTION Environmental Management Division of Air Quality Bureau of Technical Services 401 E. State Street – 2 <sup>nd</sup> Floor Trenton, NJ 08625	

**DESCRIPTION:** Under the direction of a Research Scientist 1 or other supervisory official in a state department, institution, or agency, conducts or participates in research projects or develops programs in a specified professional field; does other related work.

**SPECIFIC TO THE POSITION:** Under the direction of management and/or senior scientific staff, implements and carries out specialized research and/or analysis. Reviews technical analyses submitted and verifies that methods conform to established procedures and results comply with air quality standards and criteria set to protect public health and welfare. For sources requiring a Prevention of Significant Deterioration (PSD) permit, performs analyses to assure that the predicted impacts will not exceed specific increments nor have significant adverse effects on air quality related values such as visibility, soils and vegetation. Prepares technical analyses to determine the effect of potential health risks to the public from air toxics emissions. Work duties include selecting and running the appropriate air dispersion model to independently verify and compare predicted air quality impacts to established standards and health criteria. Interprets raw analytical data, such as dispersion modeling output and meteorological observation, and submit results and conclusions to senior staff. Reviews the latest air dispersion modeling guidance provided by U.S. EPA and attends meetings, conferences, workshops, and seminars associated with air dispersion modeling. Investigates, reviews, develops and tests analytical procedures and methodologies in the field of air quality evaluation and air dispersion modeling.

**REQUIREMENTS:**

**Education:** Graduation from an accredited college or university with a Master’s degree in a discipline appropriate to the position.

**Experience:** Two (2) years of experience in a field appropriate to the position. **NOTE:** A Doctorate in a discipline appropriate to the position may be substituted for two (2) years of experience indicated above.

**License:** Appointees will be required to possess a valid driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform the essentials duties of the position.

**RESIDENCY:** Pursuant to N.J.S.A. 52:14-7(L. 2011 Chapter 70), also known as the New Jersey First Act which became effective September 1, 2011, all persons newly hired by the NJDEP on or after that date shall have one year from the date of employment to establish, and then maintain, principal residence in the State of New Jersey. New Jersey state employees hired prior to September 1, 2011 who transfer from within the NJDEP or from another State of New Jersey appointing authority without a break in service greater than 7 days but who reside outside the State of New Jersey are not required to change their principal residence to New Jersey in order to comply with the act.

**AUTHORIZATION TO WORK:** Selected candidates must be authorized to work in the United States according to the Department of Homeland Security, United States Citizenship and Immigration Services Regulations. **Note:** The State of New Jersey does not provide sponsorships for citizenships to the United States.

**NOTE:** Interviews will be afforded based on the cover letter, resume and credentials submitted in response to this notice. Applicants may be required to provide a copy of their transcripts at time of interview.

**SCOPE OF ELIGIBILITY:** Open to candidates who meet the above requirements.

**SUBMIT LETTER OF INTEREST, RESUME AND E-MAIL ADDRESS BY 4:00 PM ON THE CLOSING DATE TO:**

Roe Bogacz  
Division of Human Resources  
Bureau of Human Resources Operations  
PO Box 420; Mail Code 436-01  
Trenton, NJ 08625-0420  
E-mail Address: Roe.Bogacz@dep.nj.gov  
Fax Number (609) 292-0968

**POSTING AUTHORIZED BY:** Deni Gaskill, Manager  
Division of Human Resources

Accommodations will be made for qualified applicants or employees with disabilities  
New Jersey Department of Environmental Protection is an Equal Opportunity Employer